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Moksang-dong, Daedeok-gu, Daejeon 306-762 (KR).
HONG, Hyojeong [KR/KR]; Crova Apt. 117-201, Dun-
san-1-dong, Seo-gu, Daejeon 302-772 (KR).

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(74) Agents: **JANG, Seongku** et al.; 19th Fl., KEC Building,
#275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

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(71) Applicant (*for all designated States except US*): **INJE
UNIVERSITY** [KR/KR]; #85, Jeo-dong 2-ga, Jung-gu,
Seoul 100-032 (KR).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KIM, Yeon-Soo**
[KR/KR]; Yuwon Apt. 101-1607, #1687, Seocho-4-dong,
Seocho-gu, Seoul 137-780 (KR). **SO, In Seop** [KR/KR];
Sejong Apt. 101-907, Jeonmin-dong, Yuseong-gu, Dae-
jeon 305-728 (KR). **LEE, Young-Kwan** [KR/KR];
Cheonggunarae Apt. 110-1004, Jeonmin-dong,
Yuseong-gu, Daejeon 305-729 (KR). **KIM, Jongpil**
[KR/KR]; Hanaro Apt., 107-1205, Wolpyung-3-dong,
Seo-gu, Daejeon 302-748 (KR). **KANG, Moonkyung**
[KR/KR]; Dongwon Sangroksu Apt. 104-502, #185-1,

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(54) Title: CANCER CELL TARGETING GENE DELIVERY METHOD

HCMV Promoter

1		GALV ENV	685 AA
2		pHEFvGEL199	956 AA

MCMV Promoter

1		GALV ENV	685 AA
2		pMEFvGEL199	956 AA

(57) Abstract: The inventive chimeric ligand in the form of a fusion polypeptide of a single-chain antibody specific for Tag-72 surface antigen and GalV envelope glycoprotein shows high transduction efficiency to cancer cells, specifically infects target cells and efficiently delivers a therapeutic gene. Accordingly, the inventive chimeric ligand can be effectively used for gene therapy to inhibit tumor growth and metastasis.

WO 2005/047338 A1